

ECX-1210

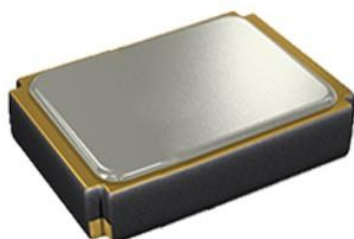
32.768 KHz

SMD Tuning Fork Crystal

The ultra-miniature 2-Pad ECX-1210 is a very compact SMD Tuning Fork Crystal. The 1.2 x 1.0 x 0.5 mm **smallest** in it's class ceramic package is ideal for LoRa Wan, wearable devices, IoT, and medical applications.

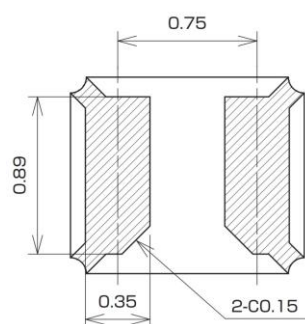
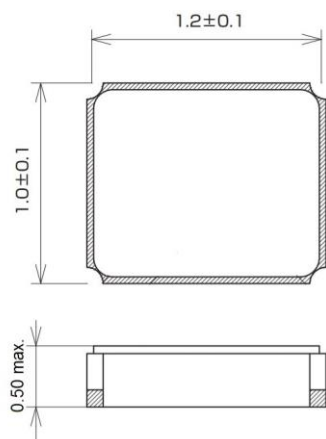
[Request a Sample](#)

ECX-1210 SMD CRYSTAL



- Low Power RTC Applications such as STM32 [AN2867](#)
- 1.2 x 1.0 mm Footprint
- Extended Temp. Range
- RoHS Compliant
- Applications: Automotive, COTS, Industrial, IOT

DIMENSIONS (mm)



PAD CONNECTIONS

1	In/Out
2	Out/In

Figure 1) Top, Side, and Bottom views

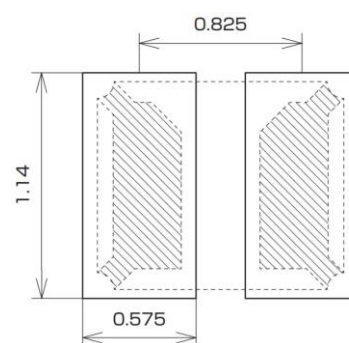


Figure 2) Suggested Land Pattern

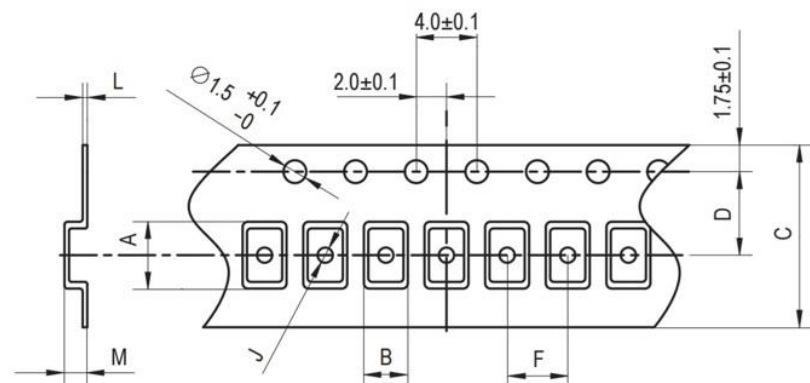
PART NUMBERING GUIDE: Example ECS-.327-12.5-1210-TR

ECS - FREQUENCY ABBREVIATION		LOAD CAPACITANCE	PACKAGE	CUSTOM OPTIONS Tolerance	PACKAGING
ECS	.327 = 32.768 KHz	12.5 = 12.5 pF 9 = 9 pF 7 = 7 pF 6 = 6 pF	-1210 = ECX-1210	Blank = ±20 ppm * C = ± 10 ppm	TR = Tape & Reel 5K/Reel

*Contact ECS for availability

Rev.2021

POCKET TAPE DIMENSIONS (mm)



A	B	C	D	F	J	L	M	Reel Dia.	Qty/Reel
1.42	1.17	8.0	3.5	4.0	0.5	0.2	0.65	180	5000pcs

SOLDER PROFILE

Peak solder Temp +260°C Max 10 sec Max.

2 Cycles Max.

MSL 1, Lead Finish Au

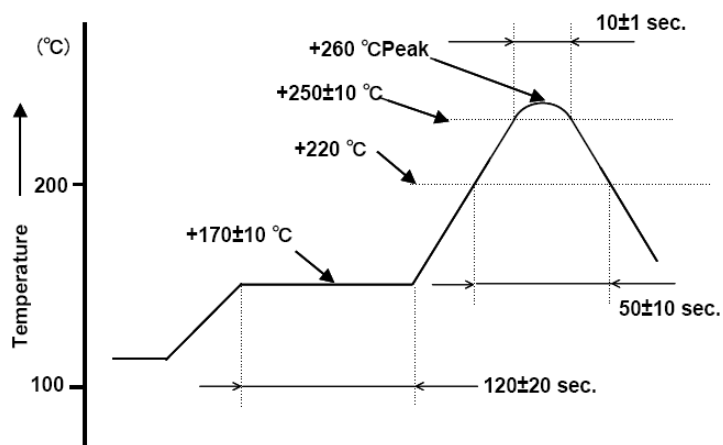


Figure 1) Suggested Reflow Profile